

Comparisons of Job Characteristics

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Signal and Track Switch Repairers (49-9097)

[Compare Knowledge](#)

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| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 61

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Signal and Track Switch Repairers (49-9097)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|---|
| Mechanical | 6.8 | 14.8 | 12.1 | < | Expanded education and/or training may be required |
| Computers and Electronics | 8.4 | 14.0 | 3.1 | << | Extensive education and/or training may be required |
| Public Safety and Security | 6.9 | 10.4 | 8.9 | < | Expanded education and/or training may be required |
| Engineering and Technology | 5.7 | 9.0 | 5.8 | << | Extensive education and/or training may be required |
| Transportation | 4.6 | 8.8 | 9.8 | > | Current knowledge level is likely sufficient |
| Telecommunications | 3.9 | 7.1 | 3.2 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061)

Associated Occupation: Signal and Track Switch Repairers (49-9097)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Troubleshooting | 4.5 | 14.4 | 9.5 | << | Extensive development of skills in this area may be required |
| Equipment Maintenance | 3.5 | 13.7 | 9.5 | << | Extensive development of skills in this area may be required |
| Repairing | 3.4 | 13.6 | 10.2 | << | Extensive development of skills in this area may be required |
| Quality Control Analysis | 5.9 | 13.0 | 9.7 | << | Extensive development of skills in this area may be required |

| | | | | | |
|----------------------|-----|------|------|----|--|
| Operation Monitoring | 6.6 | 11.9 | 11.2 | 0 | Current skill level may be sufficient |
| Equipment Selection | 3.3 | 10.2 | 7.2 | << | Extensive development of skills in this area may be required |
| Installation | 1.7 | 9.6 | 2.4 | << | Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

| Abilities | | Similarity of Focus Occupation to Associated Occupation: 77 | | | |
|---|---------------------------------|---|---------------------------|--------------------------------|--|
| Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061) Associated Occupation: Signal and Track Switch Repairers (49-9097) | | | | | |
| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
| Visualization | 7.5 | 12.1 | 10.1 | < | Some improvement in abilities may be required |
| Finger Dexterity | 7.6 | 11.9 | 9.7 | < | Some improvement in abilities may be required |
| Far Vision | 7.8 | 11.6 | 11.1 | 0 | Current ability level may be sufficient |
| Visual Color Discrimination | 6.4 | 11.5 | 8.3 | << | Extensive improvement in abilities may be required |
| Manual Dexterity | 6.5 | 11.4 | 11.1 | 0 | Current ability level may be sufficient |
| Flexibility of Closure | 7.8 | 11.2 | 9.6 | < | Some improvement in abilities may be required |
| Spatial Orientation | 2.7 | 7.1 | 5.9 | < | Some improvement in abilities may be required |
| Glare Sensitivity | 2.6 | 6.6 | 7.3 | > | Current ability level is likely sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

| Tools and Technologies that Both Occupations Have in Common | | Similarity of Focus Occupation to Associated Occupation: n/a |
|---|--|--|
| Focus Occupation: Rail-Track Laying and Maintenance Equipment Operators (47-4061) Associated Occupation: Signal and Track Switch Repairers (49-9097) | | |
| Tools and Technologies | | Exclusivity |
| Tools and technology data is unavailable for one or both occupations. | | |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.